

Title (en)  
PATIENT DATA MINING FOR LUNG CANCER SCREENING

Title (de)  
PATIENTENDATENERMITTLUNGSSYSTEM FÜR LUNGENKREBSANZEIGE

Title (fr)  
EXPLORATION DE DONNEES RELATIVES A DES PATIENTS POUR DEPISTER UN CANCER DU POUMON

Publication  
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Application  
**EP 02780572 A 20021104**

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Abstract (en)  
[origin: WO03040990A2] The present invention provides systems and methods for automatically ensuring adherence to clinical guidelines during the course of patient treatments. A data source (202) contains patient records, including records for patients being treated; a guidelines knowledge base (204) contains clinical guidelines; and a quality adherence engine (206) is configured to monitor adherence with the clinical guidelines for patients being treated. At least some of the patient records may include information obtained from mining unstructured patient data. The system includes an output component (208) for outputting quality adherence information. The outputted quality adherence information may include reminders, including reminders to take clinical actions in accordance with the clinical guidelines. The outputted quality adherence information may also include warnings that the clinical guidelines have not been observed.

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IPC 8 full level  
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